

ICE® Model 817 Hydraulic Vibratory Driver/ Extractor with Model 595G Power Unit



WWW.ICEUSA.COM
888-ICE-USA1

Highest frequency (1600 vpm) in its class.

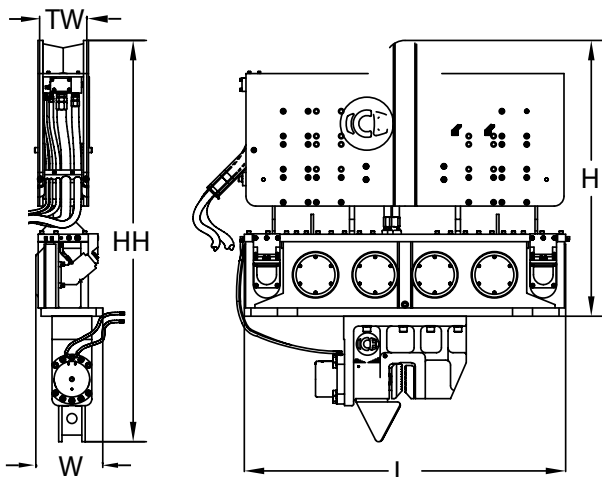
595HP (444 kW) CAT C15 Tier 3 (Stage IIIA) engine meets all EPA & EU emission regulations.

Up to 50 tons (445 kN) line pull for extraction.



ICE Model 817 Vibratory Pile Hammer

Eccentric moment	4400 in-lbs	51 kg-m
Maximum frequency	1600 vpm	
Centrifugal force	160 tons	1425 kN
Amplitude (free w/o clamp)	1 in	25 mm
Maximum line pull for extracting	50 tons	445 kN
Weight (no clamp or hoses)	13500 lbs	6125 kg
Non-vibrating Weight	4000 lbs	1815 kg
Height without clamp (H)	88 in	2235 mm
Length (L)	104 in	2645 mm
Width (W)	24 in	610 mm
Throat width (TW)	12 in	305 mm
Hydraulic hose length	150 ft	46 m
Hydraulic hose weight	1555 lbs	705 kg
Height with sheeting clamp (HH)	126 in	3200 mm
Weight with sheeting clamp & 1/2 hoses	15750 lbs	7145 kg
Height with beam & caisson clamps	140 in	3505 mm
Weight with beam, caisson clamps & 1/2 hoses	24540 lbs	11130 kg



ICE Model 595G Power Unit

Engine	Caterpillar C15	
EPA/EU Emissions rating	Tier 3	Stage IIIA
Power	595 HP	444 kW
Operating speed	1800 rpm	1800 rpm
Maximum motors pressure	5500 psi	380 bar
Motors flow (no load)	160 gpm	610 lpm
Clamp pressure	4500 psi	310 bar
Clamp flow	6 gpm	20 lpm
Weight (w/ full fluid & 1/2 fuel)	16350 lbs	7420 kg
Length	160 in	4040 mm
Width	73 in	1855 mm
Height	100 in	2540 mm
Hydraulic oil capacity	430 gal	1630 liters
Fuel Capacity	150 gal	570 liters



DESIGNED AND MANUFACTURED IN USA BY ICE®

WORLD LEADER IN COST-EFFECTIVE FOUNDATION EQUIPMENT SINCE 1974.

Constant improvement and engineering progress make it necessary that ICE®, Inc reserve the right to make specification changes without notice. Please consult ICE® for the latest available information.